

11:06:42

OCA PAD AMENDMENT - PROJECT HEADER INFORMATION

05/19/94

Active

Project #: K-10-603 Cost share #: Rev #: 3
Center # : 23/24-6-R8074-0A0 Center shr #: OCA file #:
Contract#: AGR DTD 3/4/94 Mod #: ADMIN. Work type : RES
Prime # : Document : AGR
Contract entity: GTRC

Subprojects ? : N CFDA:
Main project #: PE #:

Project unit: CRT/REHAB Unit code: 02.010.174
Project director(s):
ELDER N CRT/REHAB (404)894-4960

Sponsor/division names: COBB COUNTY / MARIETTA, GA
Sponsor/division codes: 300 / 125

Award period: 940304 to 940603 (performance) 940630 (reports)

Sponsor amount	New this change	Total to date
Contract value	0.00	2,824.00
Funded	0.00	2,824.00
Cost sharing amount		0.00

Does subcontracting plan apply ? : N

Title: BELOW ELBOW PROSTHESIS FOR RICKY HARGETT

PROJECT ADMINISTRATION DATA

OCA contact: Brian J. Lindberg 894-4820

Sponsor technical contact Sponsor issuing office

JUDY SKEEL JUDY SKEEL
(404)528-2500 (404)528-2500

COBB COUNTY SOLID WASTE DEPARTMENT COBB COUNTY SOLID WASTE DEPARTMENT
1897 COUNTY FARM ROAD 1897 COUNTY FARM ROAD
MARIETTA, GA 30060 MARIETTA, GA 30060

Security class (U,C,S,TS) : U ONR resident rep. is ACO (Y/N): N
Defense priority rating : N/A N/A supplemental sheet
Equipment title vests with: Sponsor GIT
NONE PROPOSED OR ANTICIPATED.

Administrative comments -

ADMINISTRATIVE CORRECTION - CENTER NUMBER HAS BEEN CORRECTED (SHOULD BE
23/24-6-R8074-0A0).

GEORGIA INSTITUTE OF TECHNOLOGY
OFFICE OF CONTRACT ADMINISTRATION

NOTICE OF PROJECT CLOSEOUT

Closeout Notice Date 11/02/94

Project No. K-10-603_____

Center No. 23/24-6-R8074-0A0_

Project Director ELDER N_____

School/Lab CRT/REHAB_____

Sponsor COBB COUNTY/MARIETTA, GA_____

Contract/Grant No. AGR DTD 3/4/94_____ Contract Entity GTRC

Prime Contract No. _____

Title BELOW ELBOW PROSTHESIS FOR RICKY HARGETT_____

Effective Completion Date 940603 (Performance) 940630 (Reports)

Closeout Actions Required:	Y/N	Date Submitted
Final Invoice or Copy of Final Invoice	Y	_____
Final Report of Inventions and/or Subcontracts	N	_____
Government Property Inventory & Related Certificate	N	_____
Classified Material Certificate	N	_____
Release and Assignment	N	_____
Other _____	N	_____
Comments_____		

Subproject Under Main Project No. _____

Continues Project No. _____

Distribution Required:

Project Director	Y
Administrative Network Representative	Y
GTRI Accounting/Grants and Contracts	Y
Procurement/Supply Services	Y
Research Property Management	Y
Research Security Services	N
Reports Coordinator (OCA)	Y
GTRC	Y
Project File	Y
Other _____	N
_____	N



Center for Rehabilitation Technology

College of Architecture
Georgia Institute of Technology
Atlanta, Georgia 30332-0156

(404) 894-4960
(800) 726-9119

CRT Final Report

BELOW ELBOW PROSTHESIS FOR RICKY HARGETT

CLIENT Ricky Hargett
PO Box 544
Acworth, GA 30101
(404) 591-2219

PROJECT# 94-036E

PROPOSAL DATE 9/28/93
FUNDING RECEIVED 3/15/94
INITIAL CONTACT 9/16/93
START DATE 12/16/93
STOP DATE 10/4/94

CONTACT Judy Skeel
Cobb County Solid Waste
(404) 528-2500

PROJECT DIRECTOR
Niki Elder Hawkins
(404)853-0600

DESCRIPTION

Ricky Hargett has been seen by the Center for Rehabilitation Technology for the construction of a custom Prosthetic device. He is a right below elbow amputee who works for the Cobb County Waste Department. The goal of this project was to begin Ricky's progress towards driving the tractor trailer trucks belonging to the waste department.

CRT's solution is a custom prosthesis that Ricky can don independently. The main section fits snugly over his forearm and is strapped proximally to an arm cuff that checks any distal migration. Attached to the main section is an interchangeable cup that snaps over the gear shift of the truck. The cup has an adjustment pin that allows for the different angles of the various gear shifts and a set of rotation slots that allow for different orientations of the gear shifts. The cup can be interchanged for the two different styles of trucks that are currently in use or a new cup could be added at a later date.



Office of Interdisciplinary Programs
Georgia Institute of Technology
A Unit of the University System of Georgia

The prosthesis developed by CRT was delivered on 8/10/94. Subsequent follow-ups were performed on 8/23/94 and 9/8/94 until the final iteration of the prosthesis was delivered on 10/4/94. As Ricky has never driven a stick before and he is starting with an eighteen wheeler it is expected that there will be quite a bit of training time before he can drive proficiently. The Center for Rehabilitation Technology has instructed Ricky that over a period of time, through normal use, elements of the prosthesis will fail. Constant examination of the plastic parts and Velcro straps is necessary. Failure of an element of the prosthesis would not result in a dangerous situation above the inconvenience of being stranded. Ricky has been instructed that the possibility of being stranded exists every time he uses the prosthesis.

POTENTIALLY MARKETABLE DEVICES:

None

DELIVERABLES:

Prosthesis	Delivered 10/4/94
Final Report	Delivered 10/28/94

FOLLOW UP SCHEDULE:

Ricky and the Cobb County Waste Dept. have been instructed to remain in contact with CRT. Judy Skeel will coordinate any future meetings. It is expected that it may be 6 months, a year, or more before Ricky will be able to take a driver's test and CRT will be available for consult at any time.

A photographic release form is on file at CRT. The below elbow prosthesis information will be disseminated where appropriate.



